



Computer Science Department New Student Briefing

*CDR Dave Schiffman, USN
Computer Science Program Officer
GE-309
dlschiff@nps.edu, x7980*



Why are You Here?

- Earn a Sub-Specialty Code
 - Educational Skill Requirements (ESR's)
- Earn Master of Science Degree
- Learn to Think Critically, Solve Complex Technical Problems





Why are We Here?

- Provide academic support to Students
- Represent Sponsor needs at NPS
- Professional/Academic Counseling
- Ensure Academic Success of Students, CS Program





Academic Associates

- Computer Science
 - Prof. Tom Otani ~ Glasgow-East 307
 - Prof. Dan Warren (NSF) ~ Glasgow-East 229
 - Prof. Bret Michael (SWE) ~ Glasgow-East 335
- MOVES
 - Prof. Rudy Darken ~ Watkins 271





Program Office

- Program Officer: CDR Dave Schiffman, GE-309, x7980
- Ed Tech: Mrs. Maricel Mendoza, GE-308, x7981

- Curriculum Implementation
- Course Matrix Development
- Class Registration
- Schedule Changes
- Academic Counseling
- Academic Probation
- Degree Nominations
- FITREP Review
- Laptop computers for TAD or other short term use as available





Facilities

- Student Interface Area & Academic Computer Lab/LRC – GE-B10/B11
 - Lounge/Interface area, dedicated to student use
 - 26 new computer terminals for student use
 - Thesis Student study area (64 large lockers for 7th/8th Qtr)
 - Copier with Laser Printer, FAX capability
- Coffee Mess/Wardroom – GE-103
 - Coffee/Soda Mess – Honor System
 - Quarterly Rates Avail (Coffee/Tea Only)
 - Microwaves, limited study area
- Rooms are secured after normal working hours





Student Services

- Hermann Hall, Room 033, x3812/3813

- Student Check-In/Out
- Student FITREPS
- Navy required training
- Student Conduct, Discipline and Honor Code issues/investigations
- Housing issues
- Review/print incoming orders
- Maintain locator cards/locate students as needed
- Student Check-In/Announcement Web Page
- Order student nametags
- Student Leave
- Student PRT
- Student Military Admin (Bonus/Special Pay, Lateral Transfer, Special Pkgs)
- Family Service/Family Advocacy
- Student Affairs, Orientation, Awards, Graduation, Ceremonies
- Overseas Screening (Students and Staff)
- Student sponsors/welcome aboard letters
- Intl Student book slip review
- Mail diplomas/transcripts





A pitch for the Computer Science website...

- Routinely updated
 - Undergoing major revision... keep watching!
- Good source of information on...
 - Program Officer guidelines
 - Curriculum requirements & Graduation Requirements Checklist
 - Thesis resources
 - Faculty backgrounds

Computer Science Website
<http://www.nps.navy.mil/cs/index.html>





Graduation Requirements

- Computer science MS requirements
 - Overall credit hour requirements
 - Graduate level credit hour requirements
- Service specific requirements
- Thesis completion
- Minimum grade point average (QPR)

***Use the Requirements
Checklist on our website!***





MS Curriculum: Computer Science (368)

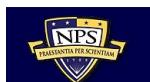
- Two-year program: 19 core courses followed by one of four specialization tracks
- Each track encompasses additional eight courses
 - Typically four track core courses, and a four-course specialization sequence
 - CS Tracks (USN students must choose one of first three):
 - Networks & Mobility
 - Information Security and Assurance
 - Software Engineering and Architecture
 - Autonomous Systems
 - CS-MOVES Option, also available to non-USN students
- Subspecialty Code: 6203-P





Service Specific Requirements

- NW3230 – Strategy and Policy
 - SECNAV INST – All USN and USMC students must take
 - Applies towards JPME Phase 1
 - Marines can validate with Command & Staff
- JPME Phase 1 (three add'l courses)
 - All USN Unrestricted Line Officers must take
- MN3331 – Prin. of Acquisition and Program Mgmt
 - All USMC and USA students must take
 - Marines also encouraged to take EO4011 (optional)
- International Students must take IT1500, IT1600, and IT1700 (as directed by the International Office)





Thesis

- Independent Research
- Seminars/Lectures/External
- Thesis Proposal submitted during 4th Qtr
 - Thesis Advisor ~ Academic Rigor/Depth/Scope
 - 2nd Reader or Co-Advisor ~ Readable/Sanity Check
 - Department Chairman ~ Masters Level
 - Program Officer ~ Military/Sponsor Relevance
- Extensions MUST be justified
 - Candidacy “lapses” without green card or extension request

Use the thesis resources on our website!





Grades

- Minimum QPR 3.00 for 3000-4000 Level Classes Required in Curriculum
- Overall QPR 2.75
- Typical CS Average ~ 3.5
- Retakes – Initial Grade remains on Transcript
 - Highest Grade used for QPR
- Academic Probation





Validations

- Initiate with Course Coordinator
- Will not receive a grade
- Satisfies Course Requirement
- Does not Satisfy Hours Requirement
- A great tool to provide flexibility during 2nd year Matrix
- Get them done, immediately!

Take advantage of Validations!





Student Opinion Forms (SOFs)

- Designed to provide feedback to improve...
 - The course content and structure
 - The instructor effectiveness
- Fully Confidential
 - Instructor cannot see the SOFs until the grades have been submitted
 - Student cannot see their grades until their SOFs have been submitted
- Routing...
 - Numerical marks are seen by Chair, Dean, Provost
 - ~~Comments are seen by the Instructor only~~

Be constructive!

***Focus on course content, structure, and instructor effectiveness only...
other issues should be raised directly with program officer and/or chair.***





Course Enrollment

For the current quarter...

- Add/drops are “free” within the first two weeks
 - Will NOT appear on transcript
 - WILL show up in Python
- Withdrawals are accepted thru the eighth week
 - Will appear as a “W” on transcript
- No withdrawals after the eighth week
- Drops/Withdrawals are *requests* ... Make no assumptions until request has final approval!
 - Poor performance or instructor preference WILL NOT be the sole criterion for a drop or withdrawal
 - Students will continue to attend class until the drop request is approved through the Program Officer





Course Enrollment

For the next quarter...

- Course registration is conducted through the first two weeks of the current quarter
- Python is “locked” for the next quarter after the second week of the current quarter
- Maricel can help with “major changes”
 - Specialization track identification
 - Internship





What we expect of you...

***Know and adhere to the
Program Officer SOP***

Complete copy available on the website:
<http://www.nps.navy.mil/cs/SOP.htm>





What we expect of you...

- Attend Class!
 - Registration is an Order to attend
 - Communicate Exceptions with:
 - Prof
 - Section Leader
 - Classmates
- Fulfill all other Academic Requirements
 - Homework, Exams, Projects, Presentations...





What we expect of you...

- Academic Planning... manage your matrix
 - Four courses minimum per quarter - does not include seminars
 - Identify Track, Electives early
 - No more than two thesis slots in a quarter, other than in exceptional situations - NEVER more than three
- Verify Python first 2 weeks of each quarter

YOU are responsible for meeting the graduation requirements.





What we expect of you...

- Muster Daily via Student Check-In Webpage
 - General Announcements / Comms
 - Fail to Muster (FTM) – earn visit to DOS to explain
- Must Check Email at least 2x Daily
 - Specific Comms / Urinalysis
- Attend Scheduled SGLs
- Physical Fitness Program 3x Weekly
- Physical Fitness Assessments ~October/April





What we expect of you...

Students are required to read and be responsible for the following:

- **Student Online Handbook**
- **Academic Council Policy Handbook**
- **Academic Honor Code Instruction**

(Links are available on our website)





The NPS Honor Code

Academic integrity at the Naval Postgraduate School is based on a respect for individual achievement that lies at the heart of academic culture. Every faculty member and student belongs to a community of scholars where academic integrity is a fundamental commitment. Academic dishonesty is not tolerated.

Unless otherwise stated by the instructor: all in-class work submitted for a grade will be the student's own, performed without reference to materials or other individuals. Graded work assigned for completion outside the classroom allows the use of reference material, but shall be performed without the assistance of other individuals. All written work should appropriately identify referenced material.

- The instruction cites examples of unacceptable behavior (NAVPGSCOLINST 5370.1C)
- Includes all course work as well as thesis and other research efforts





The NPS Honor Code

Violations of the Honor Code may be resolved through punitive, disciplinary, or administrative action under military or civilian systems.

Military personnel

- Informal counseling
- Comments in fitness reports and evaluations
- Disenrollment
- Administrative separation
- Punitive measures (including punishment for violating a lawful general order, and/or conduct unbecoming an officer and a gentleman) under the Uniform Code of Military Justice

Civilians

- Informal counseling
- Comments in performance evaluations
- Disenrollment
- Disciplinary action including removal from the Federal Service

***The Honor Code is
taken very
seriously at NPS***





Navy Core Values



- Honor
- Courage
- Commitment





Some final thoughts...

- Stay informed and involved with your community
- Read Community Publications (Wardroom)
- Regularly Communicate with your Detailer:
 - Promotion Zones
 - Follow-on Orders
 - Enroute Schools/Training
- Consider this a Joint Tour

See the Central Coast!



Monterey & the Central Coast



By Mary Lou Pilnick



- Enjoy the beauty of peninsula...
 - Bike/run/walk along the waterfront
 - Spend an afternoon on the beach in Carmel
 - Hike Big Sur or go mountain biking in Toro Park
 - Take the kids to "Dennis the Menace" Park or the Monterey Bay Aquarium
 - Go to one of the local festivals or spend an afternoon wine tasting
 - Stroll down Cannery Row or watch the sunset in Asilomar
- Lots of great restaurants – some of our favorites...
 - Randy's (sandwiches) – right out the Gate on 10th street
 - The Fishwife (seafood)
 - Peppers (Mexican)
 - Central Texan (BBQ)
 - Rosine's (family style)
 - ... and don't forget the Farmer's Market on Tuesday afternoons
- Good sources of community events/info:
 - The Monterey Coast Weekly
 - The Coast Weekly's "Best of Monterey County" listing:
<http://www.coastweekly.com/issues/Issue.03-18-04/news/Article.coverstory>
 - Monterey County Visitor's Bureau events listing:
http://montereyinfo.org/?p=monterey_activities_events

